

WHAT IS CLAIMED IS:

1. A method for analyzing a deal that includes portfolios of distressed financial assets, using a network-based system including a server system coupled to a centralized database and at least one client system, said method comprising the steps of:

- 5 generating a cash flow data table from various data sources;
- importing cash flow data from the data table into a cash flow model;
- automatically segmenting cash flow data by potential asset disposition types utilizing the cash flow model;
- applying disposition specific cash flow and expense timings and rolling up discounted projections to develop cash flow projections for the deal;
- performing sensitivity analysis using a Monte Carlo Simulation Model to provide different scenarios based on a variety of assumptions retrieved from the database ; and
- exporting cash flow projections into a pre-determined format to develop financially attractive bids for the deal that takes into account a variety of foreseeable risks.

2. A method according to Claim 1 wherein said step of importing cash flow data further comprises importing cash flow data utilizing an EXCEL VBA program.

20 3. A method according to Claim 1 wherein the various data sources include at least one of information relating to a portfolio and its underlying assets, information from loan underwriters, knowledge captured from previous transactions, and inference data obtained from non-sampled assets.

25 4. A method according to Claim 1 wherein the assumptions are retrieved from assumptions worksheet within the Cash Flow model.

 5. A method according to Claim 4 wherein the worksheet within the Cash Flow model are stored on the client system..

6. A method according to Claim 1 wherein the cash flow model allows user controlled queries to segment the portfolio containing a pool of assets .

7. A method according to Claim 1 wherein the potential asset disposition types are at least one of a Discounted Pay Off (DPO) Disposition, an Inferred Disposition, a Loan Restructure Disposition, a Compliance Disposition, a Litigation with Foreclosure, a Litigation with Restructure Disposition, and a Deed In Lieu Disposition.

8. A method according to Claim 1 wherein potential asset disposition types include mixed dispositions.

9. A method according to Claim 1 wherein the cash flow model with minor adjustments automatically segments cash flow data into mixed dispositions.

10. A method according to Claim 1 wherein said step of performing sensitivity analysis comprises the steps of:

developing various assumptions relating to key parameters;

inputting the various assumptions; and

retrieving the various assumptions as required to perform sensitivity analysis.

11. A method according to Claim 10 wherein said step of developing various assumptions comprises the step of inputting relevant valuation information to evaluate a portfolio of assets.

12. A method according to Claim 10 wherein said step of developing various assumptions comprises the step of inputting assumptions related to at least one of Disposition Discount Rates, Value Added Tax Rates, Set Up Costs, Conversion and Loan Registration Costs, Asset Management expenses, Legal Fees based on Recovered Amount, Closing Costs related to Different Disposition Types, Various Different Rates and Factors, Economic Data, Sensitivity Assumptions and other Variables that are necessary in performing financial analysis.

13. A system for managing portfolio cash valuation, said system comprising:

at least one server system;

at least one client system configured to maintain accumulated assumptions and knowledge in a repository from prior to portfolio cash evaluation, apply consolidated analytical tools to evaluate portfolio of assets, and generate management reports that analyze portfolio; and

a network connecting said at least one client system to said server system.

14. A system according to Claim 13 wherein said server system is further configured with consolidated analytical tools including at least one of a Cash Flow Model, a Monte Carlo Simulation Model and a Financial Analysis Model.

15. A system according to Claim 13 wherein said server system is further configured with a suite of at least one of business processes, computer systems, analytical tools, data manipulation tools, business process tools, methodologies and analytics.

16. A system according to Claim 13 wherein said server system is further configured with a database that accumulates and organizes data relating to at least one Bank Records, Credit Agencies, Government Agencies, Legal Documents and Contracts, and Underwriting Reports.

17. A system according to Claim 16 wherein – the accumulated data is utilized to generate the cash flow table.

18. A system according to Claim 14 wherein said Cash Flow Model is further configured with Work Sheets and Code Modules to perform the financial analysis.

19. A system according to Claim 18 wherein said server system is further configured with at least one of Data Sheets, Assumption Sheets, Cash Flow Sheets, and various Disposition Sheets.

20. A system according to Claim 14 wherein said server system is further configured to perform sensitivity analysis on projected cash flows utilizing the Monte Carlo Simulation Model.

21. A system according to Claim 13 wherein said server system is further configured to:

download requested information from said server system; and

display requested information on said client system in response to the inquiry.

22. A system according to Claim 13 wherein said server system is further configured to print requested information in a pre-determined format.

23. A system according to Claim 13 wherein said client system is further configured with a displaying component.

24. A system according to Claim 23 wherein said client system is further configured with a sending component to send an inquiry to said server system to process and download the requested information to said client system.

25. A system according to Claim 24 wherein the sending component functions in response to a click of a mouse button.

26. A system according to Claim 13 wherein said server system and client system are further configured to be protected from access by unauthorized individuals.

27. A computer program embodied on a computer readable medium to analyze portfolios of assets to improve a bidding process to acquire the portfolio of assets, said computer program comprising a code segment that:

creates a directory structure to organize information into a centralized database; and

provides users access to a specific set of data stored in the centralized database to facilitate decision making in response to an inquiry.

28. The computer program as recited in Claim 27 further including a code segment that:

downloads valuation assessment from the database;

develops monthly income projections from individual loan valuations;

develops monthly expense projections from pre-determined asset management scenarios;

aggregates loan cash flows into portfolio cash flows;

5 adjusts portfolio cash flow expenses against pre-determined asset management targets;

calculates financial ratios for asset management planning;

simulates various scenarios based on pre-defined assumptions; and

calculates confidence assessment for portfolio investment.

29. The computer program as recited in Claim 28 further including a code segment that:

manages the information in the centralized database;

manages a project timeline with milestones and tasks arranged in a standardized project management format; and

provides feedback to various participants to track project deliverables.

30. The computer program as recited in Claim 27 further including a code segment that generates management reports.

31. The computer program as recited in Claim 27 further including a code segment that provides flexibility to an administrator to modify user profile information.

20 32. The computer program as recited in Claim 27 further including a code segment that organizes information within the centralized database under at least one of a Cash Flow Data Section, a Models Algorithm Section, an Assumptions Section, a Standardized Data Section, and a Worksheets & Code Modules Section.

25 33. The computer program as recited in Claim 27 further including a code segment that retrieves information by accessing various other links.

34. A computer program embodied on a computer readable medium for facilitating a bidding process, said computer program capable to be

processed by a server system coupled to a centralized interactive database and at least one client system, said computer program comprising:

a code segment that receives information;

a code segment that enters the information into a centralized database;

5 a code segment that stores the information into the centralized database and cross-references the information against unique identifiers;

a code segment that computes at least one of Internal Rate of Return of a Portfolio, Weighted Average Portfolio Life, Break Even Point of the Portfolio, Confidence Assessment of the Portfolio Investment, and the Portfolio Liquidation Profile; and

10 a code segment that provides the information in response to an inquiry.

35. The computer program as recited in Claim 34 wherein the network is a wide area network operable using a protocol including at least one of TCP/IP and IPX.

15 36. The computer program as recited in Claim 34 wherein the information is received from the user via a graphical user interface.

37. The computer program as recited in Claim 34 further includes a code segment that provides the information based on access levels.

20 38. The computer program as recited in Claim 34 further includes a code segment that monitors interaction between various collaborators during due diligence.

39. The computer program as recited in Claim 34 further comprising a code segment that accesses the centralized database.

25 40. The computer program as recited in Claim 39 further comprising a code segment that searches the database regarding the specific inquiry.

41. The computer program as recited in Claim 40 further comprising:

a code segment that retrieves information from the database; and

a code segment that causes the retrieved information to be displayed on the client system.

42. The computer program as recited in Claim 35 wherein the client system and the server system are connected via one of a wide area network, a local area network, an intranet and the Internet.

43. The computer program as recited in Claim 35, and further comprising a code segment that monitors the security of the system by restricting access to unauthorized individuals.

44. A centralized database comprising:

data corresponding to at least one of Cash Flow Data, Assumptions Data, Potential Asset Disposition Type Data, Standardized Data, and Worksheets & Code Modules Data;

data corresponding to financial models and business process tools;

data corresponding to best practices; and

data corresponding valuation process and underwriting.

45. A database according to Claim 44 wherein Standardized Data comprises at least one of Bank Records, Credit Agencies Records, Government Agencies Records, Data from Legal Documents, and Data relating to Underwriting Reports.

46. A database according to Claim 44 wherein Worksheets & Code Modules Data comprises worksheets and code modules related to financial model.

47. A database according to Claim 44 wherein Assumptions Data comprises assumptions related to at least one of Disposition Discount Rates, Value Added Tax Rates, Set Up Costs, Conversion and Loan Registration Costs, Asset Management expenses, Legal Fees based on Recovered Amount, Closing Costs related to Different Disposition Types, Various Different Rates and Factors, Economic Data, Sensitivity Assumptions and other Variables that are necessary in performing financial analysis.

48. A database according to Claim 44 wherein Potential Asset Disposition Type Data are at least one of a Discounted Pay Off (DPO) Disposition, an Inferred Disposition, a Loan Restructure Disposition, a Compliance Disposition, a Litigation with Foreclosure, a Litigation with Restructure Disposition, and a Deed In Lieu Disposition.

49. A database according to Claim 44 wherein said database is checked for data integrity frequently and provides access to individuals based on predefined criteria.

50. A database according to Claim 44 wherein said database further configured to be protected from access by unauthorized individuals.

51. A method for analyzing a deal that includes portfolios of distressed financial assets, using a network-based system including a server system coupled to a centralized database and at least one client system, said method comprising the steps of:

calculating each borrower's net present value within a portfolio by utilizing a borrower-level pricing process;

analyzing portfolio and sub-set of assets within the portfolio for each borrower; and

calculating pre-determined criteria for sub-set of assets for each borrower to determine influence of each borrower's individual price on the entire portfolio's price by utilizing influence metrics.

52. A method for analyzing a deal that includes portfolios of distressed financial assets utilizing a borrower level pricing process, said method comprising the steps of:

calculating a borrower-specific price for each borrower in the portfolio;

determining influence of each borrower on a given portfolio utilizing influence metrics; and

selecting a group of borrowers based on borrowers individual ranking. for further review.

53. A method according to Claim 52 wherein said step of calculating further comprises the steps of clearing a database and sorting the database by borrower identification codes.

5 54. A method according to Claim 53 wherein said step of calculating further comprises the steps of rolling up to get the overall contribution by each borrower for a given portfolio.

55. A method according to Claim 52 wherein the influence metrics are developed based on historical experience in dealing with various portfolios.

10 56. A method according to Claim 52 wherein the influence metrics are utilized to select a most influential borrowers within the portfolio.